

To: scheduling[scheduling@epa.gov]
From: Alliance for Green Heat
Sent: Tue 4/4/2017 9:35:38 AM
Subject: April Wood and Pellet Heat News


April 2017

Green Heat News

Issue No. 92

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Price of Oil
March 20, 2017: \$47.79
March 20, 2016: \$39.47

Top stories in past
issues
Source: www.ycharts.com

Wood Stove Design Challenge
to return to National Mall in 2018

States strive to update outdoor
boiler regulations

Mapping wood heating and
wood smoke in the US

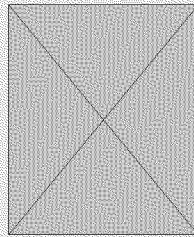
Office Equipment Needed

Have a printer, scanner or
computer that is still relatively up
to date and in good working
order that you don't need?
Donate it to the Alliance for
Green Heat and get a tax credit.
Contact: info@forgreenheat.org

AGH Projects & Activities

Plans, partners and progress for 2018 Wood Stove Design Challenge

Plans for the November 2018 Stove Design Challenge on the National
Mall in Washington DC are moving forward. We will begin a series of
webinars in May to build a community of innovators and experts working
towards the November 2018 event. If your organization, company or
agency is interested in being part of these initial stages, please contact
info@forgreenheat.org.



Rebecca Trojanowski wins best young

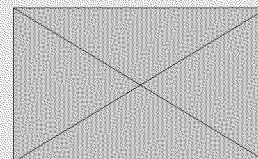
researcher

in biomass award in Austria

Congratulations to Rebecca Trojanowski for her receiving an award in
Austria for the "Best Young Researcher in Biomass for the paper
"Repeatability in particulate and gaseous emissions from pellet stoves."
Rebecca works for Brookhaven National Lab and her paper was on our
2016 Pellet Stove Design Challenge.

Trends in Incentive Programs

Massachusetts first in recognizing efficiency and automation in wood stove program



Massachusetts is the first state in the country to launch a wood
stove change out program in the country that recognizes the value of
automated stoves and stoves that disclose their verified efficiency to
consumers. The 2017 program offers Massachusetts residents between
\$500 and \$3,000 for upgrades, depending on the stove and income level
of the family.

Maryland program helps residents install cleanest stoves on the

market



A Maryland renewable energy program established in 2012 has provided assistance to nearly 3,000 to purchase and install cleaner, modern wood and pellet stoves. The program was designed to help rural families, who were least likely to benefit from solar and other renewable energy programs.

Washington Watch

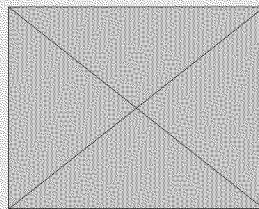
EIA monthly densified biomass fuel report

This monthly data release includes a new table displaying the average heat, ash, and moisture contents of the densified biomass fuel products.

How to claim the \$300 tax credit

The wood and pellet stove tax credit expired on Jan. 1, 2017 but is available for purchases in 2016 that can be taken this tax season. The DOE inferred and Consumer Reports erroneously said that the credit is only eligible for stoves that meet 2020 emission standards. There are no emission standards for this tax credit and no effective efficiency requirements either, given the huge loopholes built by industry to allow virtually any stove to claim its 75% efficient.

Focus on Innovation

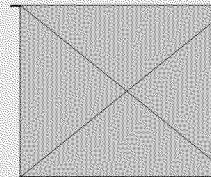


Small-scale, pellet-fueled CHP boilers

coming to the US

Small-scale, pellet-fueled combined-heat-and-power (CHP) has the potential to become a major part of the distributed generation smart grid of the future, according to a new paper by FutureMetrics. They are being imported now from Austria by Maine Energy Systems.

Featured Video



Taxpayers invest in NH county energy

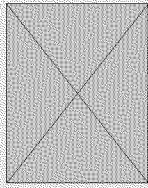
In this video, viewers will learn how taxpayers in Rockingham County benefit from the investments they've made in renewable energy at their County Complex and insights about NH's Energy Future.

Focus on Health

When's there smoke, there are more heart attacks

A Canadian study found that during the cold season, when pollution from wood stoves is at its highest, the risk of heart attacks among subjects of 65 years and older increased by 19 percent.

The Public Debate



Expanding use of modern wood heating and improving air quality

Adam Sherman of Biomass Energy Resource Center and a member of AGH Board of Advisors lays out how biomass heat can increase, while decreasing emissions.

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- **What do you do with ashes from a wood stove?**
- **White House wood stoves**

From the Newsroom

International

Amazing views and dirty air in the French Alps

France: The main cause of PM pollution is a renewable energy source with an environmentally-friendly reputation - the humble wood-burning stove. Columns of smoke are rising from many of the houses.

States

EPA officials come to Fairbanks to talk smoke pollution

AK: Staff from the EPA are in town this week to meet with state and local air quality regulators and local leaders about how to reduce smoke pollution in Fairbanks and North Pole.

Alaska to receive \$2.5 million EPA air quality grants

AK: Targeted Airshed funds will be used to reduce air pollution through a woodstove change-out program in the Fairbanks North Star Borough.

California adopts strict rules for methane emissions

CA: California adopted air quality regulations that will lower a wide range of pollutants, including black carbon that from fireplaces and wood stoves, especially old ones. The regulations will pump money into stove change outs for the roughly 350,000 stoves in the state that need to be replaced with gas, pellet, or modern wood stoves.

Air officials: Restrictions on wood burning are helping

CA: The 14th winter of the San Joaquin Valley's residential wood-burning program ended this week with what air officials are calling a "record improvement in air quality."

Up in smoke: The real risks of wood-burning

CA: Many people make two assumptions about wood smoke pollution in West Marin: first, that the problem isn't significant, and second, that EPA-certified wood stoves don't pollute. Both assumptions are incorrect.

Smoke signals: Wood burning still pollutes Aspen

CO: To meet EPA requirements for clean air, the City of Aspen stopped allowing wood burning fireplaces in new construction about 35 years ago. Now Aspen's air quality is typically quite good.

Idaho to receive \$2.5 million to improve air quality

ID: Idaho has been recommended to receive \$2.5 million in Clean Air Act Targeted Airshed grant funds to help improve air quality in southeastern Idaho's Cache Valley.

Pinehurst air quality reaches attainment

ID: "For the first time in four years, the City of Pinehurst in Idaho has reached attainment for its air quality. The DEQ will continue to work so that the number continues to go down, by furthering programs like clean burning education and the wood-stove change out."

Woodstove changeout program launched

MI: The American Lung Association in Michigan has started its Lower Peninsula of Michigan Woodstove Changeout Program. The program will cover all counties in the Lower Peninsula of Michigan.

Project Stove Swap helps to upgrade old woodburners

MN: Project Stove Swap provides financial incentives to participants, based on income, to replace older heating appliances with new ones.

Wood banks benefit from high winds

NH: If wood is left on a town right-of-way, it is up to the department to pick it up. That wood is often transported to the town's highway department and added to a wood bank in an old shed at the facility.

Report says NY should switch to electric heating systems

NY: Converting from fossil fuel heating systems to electric will help meet New York state's climate goals and make home heating more affordable, according to a new study.

City commission airs out science lesson

OR: The science lesson discusses air quality, particulate matter, air density and temperature and how temperature inversions occur with cold air being trapped under warm air.

Salt Lake City has the worst air quality in the nation

UT: One Tuesday in January, Salt Lake City ranked number one in the nation for the worst air quality levels, according to the EPA's air quality monitoring website. A mandatory action day where wood stove use was banned was put into effect.

County works on plan to improve air quality

WA: The Kittitas County Public Health Department is about to start a new five-year effort to reduce air pollution in Kittitas County.

Upcoming Conferences

Heating the Midwest

Minneapolis, MN, April 10, 2017

Heating the Midwest is a network of thermal biomass advocates working to increase awareness and usage of biomass for heat.

Alaska Wood Energy Conference

Ketchikan, AK, April 11-12, 2017

The fourth annual Alaska wood energy conference, supporting Alaska's

growing reliance on modern wood heating.

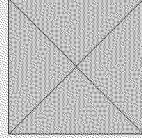
International Biomass Conference and Expo
Minneapolis, MN, April 10-12, 2017

This dynamic event unites industry professionals from all sectors of the world's interconnected biomass utilization industries.

Masonry Brick Stove Workshop
La Spezia, Italy, April 23-May 2, 2017

A theoretical and practical workshop held by Igor Kuznetsov open to everyone.

Northeast Biomass Heating Conference & Expo
Burlington, VT, April 25-27, 2017



Speakers, panel discussion, tours, the expo and more make this the premier thermal biomass event for industry, government, researchers and non-profit stakeholders.

National Firewood Workshop
Statesville, NC, April 27, 2017

The National Firewood Workshop will be held in Statesville next year. AGH presents on firewood policies at this annual conference.

Low Income Forum on Energy Regional Meeting
Watertown, NY, May 16, 2017

Attendees can expect to learn about emerging energy issues, best practices, program updates, and consumer protections.

Heating + Cooking and Coal Heatstoves Summit
Warsaw, Poland, May 29-30, 2017

This solutions-oriented conference will examine what we know, and what remains to be learned about addressing coal heating stoves.

Nat'l Energy & Utility Affordability Coalition Conference
Fort Lauderdale, FL, June 26-28, 2017

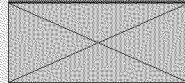
This conference is for those whose mission is to strengthen the energy safety net of the people they serve.

Antique Stove Association 2017 Convention
Shipshewana, Indiana, Aug. 6-9

The annual gathering of antique stove collectors and refurbishers includes a trade show, auction, bus tour, banquet

Mid-Atlantic Biomass Energy Conference and Expo
University Park, PA, September 12-14, 2017
Hosted by the PA Biomass Energy Association.

Wood Pellet Association of Canada Conference and AGM



Ottawa, ON, September 18-20, 2017

The largest gathering for the Canadian wood pellet industry.

Solar Decathlon
Denver, CO, October 5-15, 2017

The annual solar PV competition run by DOE.

**Please
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Work**

The Alliance for Green Heat is an independent non-profit organization working to promote cleaner and more efficient biomass heating. Please consider making a generous contribution. The Alliance is a tax exempt 501 (c)(3) organization.

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www.forgreenheat.org/support/donate

**Thanks
to ...**

A special thanks to those who have contributed \$2,000 or more since Jan. 1, 2013

- Arbolito Foundation
- Chimney Safety Institute of America
- Global Alliance for Clean Cookstoves
- New York State Energy & Research Development Authority
- Osprey Foundation
- Jim & Patty Rouse Foundation
- Schott-Robax
- Victoria Sujata
- University of Maryland Extension Service
- DC Dept. of Transportation, Urban Forestry Administration
- U.S. Forest Service
- West Penn Power Energy & Sustainability Fund

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